

TABLE I

cDNA	Embryo Phase	Clone	Nucleotide Sequence
SEQ ID NO:272	Early	LPZ-249	GCGGACGCCTCAATAGTTATGGAAGGGCAGCTGCACTACTTCAGCATGAGTGGAG GCCTAAAAGTTTTGTTAATCTTTCTGGTGAGGTGGACACCAAAGCCCTTCACAACA GTGCAAAGGTGGGGCTATCTCTGGTTTTGAAGCCTTGAAGGATATGCACTATTTGG TACAGATTTAAGCGAAGGTCTGTGCCAAATTTTTATTGGAATTTTTGAGTTTTTCCTT TCAGAATAATTATTTCAATGCCTGTGTTTTCTGTGCTCTTCTCGCAGCCGTA
SEQ ID NO:273	Late	LPZ-250	GCGGACGCCTTTTTGCCCAATTAACATCCCTGCATCTGCGCATTAAAAATTGATTGC AGACCTGAGGTTTAAGTGGAAGCTTCTTCCACCATCTCTCCCCTGTTTAAGGAAGA CCCGAAACCCTAGCCACTGTCTCCTCTGTGACTTAAATTCAGTTCACCAACCTTA ACTCTGCGTCCGTAAAATTCTGGGCAAACCTGCACTGCCAATTGGTCATCATATCCT CTGAATTTGGCAAAGAAAACATAGGTCATTCTGTGCTCTTCTCGCAGCCGTA
SEQ ID NO:274	ND	LPZ-251	GCGGACGCCTCGTCAATCCATGGTTGTAAACATGCCTTCAAACCTGTTTCCTTATGT CGCACAATGTCTACATGTTCTTGAGCGATTTTTCTGCTGCATTGCGAGCCTCTG TGTAAGTCCCACTATCTGCGCTGTCCCTTTTACTTCATAATACTTCTGTGCTCTTCT CGCAGCCGTA
SEQ ID NO:275	Late	LPZ-255	TACGGCTGCGAGAAGACGACAGAAAAAACTGTATACGAGTAGGCAGCGAGTCCTG GCAGTATGGGAGATTGAACTCCAATTACATTTAGTTACAAGTAGCATCAACAGTGAC TGAGCCAAGAGCTCTACACAGAAAAATAAAATAAAACTGTATATATTTACAGGAGA AACCCCAATGGCCTCAGGGCCTGAATAAATCAATCGCAGCGGTGGTCGATGTGGC CTTTTCAGGGCTGCAAATCTTGCAAGGGGAAGCCATCATCCTTGTTCCGTATCCTT TTTGAGGGATAGCGAGCCACGCAAGCAAGATTTGAAGCGATTGAATACTTTGGGGT GTCGAGAACGCACCAGAACAATGCCACTCGAGAAATACTACTGTGATTACTGTGAC AAACAATTCCAGGATACTCCCTCCGCTAGAAAGCGACATCTACAAGGCGTCCGC
SEQ ID NO:276	Late	LPZ-256	GCGGACGCCTGTACCGTATTGGAATTCTAAACCCTTCCTTGGTATAGGGTTTTCGC CACCTTGCGTTCAATTTGGTTTTGTATTACGTCCGATTCTCCGTCTGCGAGCTCTC TGCAACTTGGCAATTTCAATTGTGATTTTATCCTATGATGCTTCGTATTTGTTTGAAGC TCGTCTCCTAGTTCTCTGTGATACCAAGTTGGTAGTCTGCAAGTTTCGATGTGGGT TCTTTTAGCTGGTCTGGGGTTTTGTTGCTCTGAGTATGTTGAGCTGCATGCTCGTG GCGGTCTTCACGGCTCCATTTGTTGGAATCTGTTGTGGAAGTGTCTCGGTCTCT GTGGAACGTGTGGAACCTGGTAAGATTTGTTTATCTGCTTGTGTCTAAACTGTTCTT GAGTTTTCTGTGCTCTTCTCGCAGCCGTA
SEQ ID NO:277	Late	LPZ-257	GCGGACGCCTGCTGTTGAAGAAGGATGAAGTCATTGTCTGCGGCCCTGTTACAGCA TGATTTTCGGCATTCTTAATCTGGTCAACCAGTCAGAAGGTGGCGCTGAAGGTGACG AAGAGGCAACCTGGGTAGCTGCACTGGAACTCAAGCTGCAAGGGGCACCGACCC TCAGACTTCGCGCGATTAACTTCTCCCTCTGGCTAAGTCGATGCCAAGGTCTTGT TCTGGGTCTTCTCTCTGTTTCGCATGTTGTTCTTCTCTGTTTCATTTGTTTTCT TCTGTGCTCTCTCGC
SEQ ID NO:278	Late	LPZ-258	GCGGACGCCTGCACATACAAAGAACGACAAAAACAAAAGCATAAAATCCAATAGAT GCAACTATATATCAAGTCAGAAATGATATAACTCATATTATTACAAAGAACAATAAG AGTGGAACCATAATAATAGTCGTCTATTATTGATAAATAAAGAAGAATACAACCATA GTTCTGTGCTCTTCTCGCAGCCGTA
SEQ ID NO:279	Late	LPZ-260	GCGGACGCCTGTATAACATGCACCAAGAGACCCAATCAAAGCACATGCAATCTGTA TATATAGCAGAATAACAGCCAGGGATTGCACTCTATCGTAATCGCGAAACCACGCA CTAATATGTGCCCATGCTGATGATGCACACAGCATGTTCTGTGCTCTTCTCGCAGC CGTA

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cDNA	Embryo Phase	Clone	Nucleotide Sequence
SEQ ID NO:280	Late	LPZ-261	GCGGACGCCTGAACTGTATAGAGTTGAACTTGAGGGAAGGCTTGCTGCCACCAA AGCCTCCCTCCTCTTTCTTGGCGGTTTCGTACCTCCTTTTCGCGTCAGAGCCCCAA TTCCCTCCTGCGCACACCAGCAAAGTGCATCGAATGTTTTTCCACCATTTCTGTAA ATTCCCTCGGAGTTACCTTGGGGCAGAAGCCGCATTGAAGAGCATTGAATGCTATT CATTATCCACCGTAAACTACCATTGCAACCTGCCTGTGTATCGACCCGCTGTCCT CTACGCGTGGCTGGCACATGGCGTCGTTAATTGCATGTTGACACCCGTATCCGGG TGTGCTTGTGTGCTCGTCTGCATATCATGTTTTAGGATCTCATAGAAGGTGGACCA TTCTGTCGTCTTCT
SEQ ID NO:281	Late	LPZ-264	GCGGACGCCTCTTACAATGTCTCTTAAAGATTGGAAGATTGTCTTGTCTGCAACC ATAACTTCCGCGTGCTTTCTTATTAATGCAACCCACTGTGATCCTTTCCGCCATTTA TCCTTTCGAATGGTTGGAGCCATTTTTGGGTTGTACCGACTAGCTTTTGGGTCTAC AAAGCTGTCTACAAACTCTTTGGAGATGACATTACATAATCATATGTATAGCTGAA GTTGTACAAAGGTACACAACCTATCTGAAACCAAAATGAATCTCTCGTTAGCTGGATC CTCGAGTGCTTTCTAAGTAGAATACGCTCCGCTTCTATCATACTGGCTTCTCCCCA AAGTACCTGTATGCTATCACTAAGCTGCCAGCCGTAACAAAATGTACATTCTGTCGT CTTCTCGCAGCCGTA
SEQ ID NO:282	E,M	LPZ-265	GCGGACGCCTTGCTAGGAGAGCTCTACGCCATTATTTGAACGATTGAGCCGAAGTT TCACCGTTTAAGGCATTGTGTCCCAGAGGTTATTGGAGATTAGCAGCTTGGAATTT GGCTGCTTCGCTCAGCGCCGTGATTCAGCTTTTGATTGATTCTCTCCAGTTTCATAA CCTGTAACGACAATGGCAATGAAGACCTACACATTTGCAGTGGCAGCTGCGTACGC TGTAAGTCTGATGTTGCTCTCTTTGGCATCGCAAAGGCTGCTGATGCACCGTCTC CCAGCCCCGTTACTGGCGCGGGTTCATGGACTTCGTTCTTCTGTGCTCTTCTCG CAGCCGTA
SEQ ID NO:283	Middle	LPZ-266	GCGGACGCCTTATCAGCTGGGGGCATTATAGGTATGGAAATTCAGATCAACTTCA GTGGACAGTATGTGGATTTAGGCGACCTGTGACAGTTCACGATATCTATTCAATTTCT ATCCAGAGACAGATTCCCATACTCACCTCCGTCCTTCCCATATATTTTCTGGAAGGC ATCATGTCCTCCCAAATTTACTCATTTTGCTGGCCGTGCTTTTACAA
SEQ ID NO:284	Late	LPZ-268	GCGGACGCCTGTTGCCACAGAAGAATGAATAATGCTTCAAATTTTGAGACCTCTTC GGAGGAAAATCCTTGTTCTTACTGCCTAACCACTCATGATGATCTGCGTCACGCTG ATTATGAGCTGCAATTTAAATTATTTAGATGAAACATTCCCATATTGAGCTTGCAGA CAAGTTGCAGACCCTTCAATTTAGTTCTGTGCTCTTCTCGCAGCCGTA
SEQ ID NO:285	Middle	LPZ-269	GACGTTGTAAAACGACGGCCAGGATTAAGGTTTCATGAGCTCCGCAACAAGAGCAAA TCAG
SEQ ID NO:286	Late	LPZ-270	GCGGACGCCTCTAGGAGCCGGCGGAATTCCTGTGAGCTCGAATTTGCCGAGCAG GTTATTGTCTTCGTCCGCGCTCGCTCACCTTCATATACTTGAATTAGAACCCAG GCTGATTATCTGAGTAAGTTGAGAAAATCTGCTCCTTCTTGGTTGGAATGGTGGTG TTCCTCGGTATTAATACTGTACATTACACCTCCCGCTGTCTCCAACCCAGACTTAAT GGCGTGACATCTAGCAACAGCAGGTCCTGCACCTTCTCGTTGCCTTCGCCGCTGA GAATGGCAGCCTGCACAGCTGCACCATATGCCACGGCTTCGTCTGGGTAAATGCT CTTACAAAGCTCTTTGCCATTGAAGAAATCTTGGAGCAATTGTTGTACTTTGGGGAT ACGAGTCGAACCCCGACCAAGACGACATCATCTATTTGGCTCTTGTCCATCTTAG CATCTTCGCATACATTTCTCCACAGGCTCCATACTTCTCCTGAAAAGATCCATGTTG AGTTCCTCGAAGCGAGCTCGCGTAATTGTGGCGTAAAAATCAATTCCTTCATATAG AGAATCAATCTCAATCGTTGTCTGTGTAGTAGAAGACAGCGTTCTTTTTGCCCTCTC ACATGCTGTTCTCAGCCTGCGAAGAGCTCTGGCATTCCCGCTGATGTCTTTTCTGT GCTTTCTTTTGAATTCCTGCACAAAGTGATTCACCATTTCTGTGCTCTTCTCGCAGCC GTA
SEQ ID NO 287	Late	LPZ-271	TAGCCATCGCCATTTCTATAATCTTAGGATCCTTGCTGAACGATAAGCCCATAAAT TGATGCACTGCCTCGCTATCCCTGGCCGTCGTTTTACAACGTC

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cDNA	Embryo Phase	Clone	Nucleotide Sequence
SEQ ID NO:288	Middle	LPZ-272	GACGTTGTAAAACGACGGCCAGGAAATTACAGCTACCTCTAACTGGTTTGACGGCG TTGCATCTTATGAGCCGCAAGGGTTCGAATCCTCTGCGGGCCAGATCTGCGATGG AACCTGGGCGAGTGCAATGATGATGAAGAAGAGTTTGCGATGGATTCTGAAGCG CACGGGAGGCTTCTGAGGAGGATCCGTTACTATATCAGCTACGGAGCATTGGCTG CTAATCGCGTTCCTTGCCGACCTCGGTCTGGGAGGTCTTATTACACTCGGAATTGT TACGGCGCAACAGGCCCGTCAGACCTTACCACAGAAGCTGCACTGCTATCACTC GTTGCAGGCGTCCGC
SEQ ID NO:289	Middle	LPZ-273	GCGGACGCCTGGGAAGCAATGGATGGGTGGCTAGACGCCATCCGTCTTGTGTATA CTATTTTGCACGCGGAAAGAGTGATGTCCTGGCCGTCGTTTTACAACGTC
SEQ ID NO:290	Late	LPZ-274	GACGTTGTAAAACGACGGCCAGATTCAAAGAAAAATCCTCACTTCTTGGCTCCG TTTGCCTCCCGCCGAAGCTCCTCTGCAACCCCTCTGCAGCGTACACTGCATCCC GCTCGCGGTGCTGGCTCACCTCGCAGGTCCGCTGACGGTAAATGGTTTCCAATAA AGCTATTTGTCCTCTACCCAAAATCCATCTAGCATTCTGTTGTGGATTGACATTCTGC CATTTCTCTGCTTTTCTGGTTGATATGCAAAGATTGAAAGCCCAATTGCAAGCAGTG GTCGTGGATTCACTATAAGGCGTCCGC
SEQ ID NO:291	Late	LPZ-275	GACGTTGTAAAACGACGGCCAGGAATAAAACAAAGCATCACTGCAAAATTTCAAAC GTGGTAATAACGGCTAGCCAGCTCGACGTGAAGGCAGTGGGGGCCTTGAGGTTGC CTTTTGGCGTTCAAATTTGGCTAGACTACCATAACATAAATATTGATTTCTCAGTGA CATCACTGTTTTGGAGTCATCCACAGCCTGTGCACCAGTACGGCAATTGCCTTTTA CATGAAGCCATCCTTTCACTTTTACTTTTGAGATTCTCAGAACTGAGGGGCTAGGC GTCCGC
SEQ ID NO:292	Middle	LPZ-276	GACGTTGTAAAACGACGGCCAGCACCTTCCTAGTCCCCTGTTCCATTCTCCTGAAA TAGGAGCAGTTTGACCCAGTCCAGTTTTCAGAATTGAGAATATGAAACAAAGAACCT AAGCATATGAGAGAACATACAAAGACTTTGTATAAACTACTTTTCACAGGATCTCAA CAGCCCTCTGCTGAGATCCATTTGATACAAGGCCCTTGATCTCCACCCTCTCCC TTATCACCTCCACTAGAAAGATGATGGAAAGCAGACACATGGAAATGTTGCTGCAG GCGTCCGC
SEQ ID NO:293	Middle	LPZ-277	GACGTTGTAAAACGACGGCCAGTTAGGTTGTATATTGATTGATGACTCTTTGACTCC ATTTATGAAAACATCTTTGTTCTCGAGATTTAATCAGTATTAAGCTTTGAGAGTGAAG TTCAGTTTGATCTGCATAAACCTGATCCACCATATCTACATCACATCTAAAATTACTA AAATGTGAGGAGATGGAATTTGTTTCTTGAGAATCCCTATTCTCATCGACACTGTT TACTGGATCAGATCCAATCAAACCTCTTGAGAAGTAATCTCTGGAAAGAAATTAATAA GTCTTTACCTGAATTATCTCGATATCAGAAGCAGAAATTATGATACATAGACTTCTTA ATAATGAAGAGTCATTTTGCCAACGTTGTCTTTGCCACCCACCAATCCCCATGATC CCAAAGATCTGAGGTTTCCATCTCTATGTGGCTGTGATAACACTGGATTTTCAAAA ATCTTCTACTTTGCGATCCAAACCTTTTTGGGATATT
SEQ ID NO:294	Late	LPZ-278	GACGTTGTAAAACGACGGCCAGGGGGATGGGAGATACAGAAAGATTCCGGATAAA AGGGAGCAATGAACGGCTGGTTAAAGCGTAGTCCACCACACTAGCCCCACCTCCA TGAGGCCTACACGTGAAGAAGCAGGATTCTGGGAAGCGCGAGAGGCCGTTCAAGA TTATCAGCTCATGTGATTCGCCCAACTGCAAAGATGTCTACCGTAGGCTGTGATG GGGCCCAAGGCGTCCGC
SEQ ID NO:295	Late	LPZ-279	GCGGACGCCTATCAGATGGGTGAGTTGACCGACATTTATCGTCCGATAAATGTTTG AGGCTGATGTCATGGCAATCCACGTGTCTGCACCATATTTATCGGAGCCCCTCGT CGGAATATTCCATCGCCGGAGAGCTGGCGCGATAGGTTTCAGGCGGCCGTTTCT GGTTTGCAGCTGTGGCTTCCCGCGCGCCTTAAGTGTGGCCCGCGCGCACAGGG GAAATTACAAATTTCAACATATCCAATACCATCATATAACCCAACAACACTAGCAACA GATCCTGTTCTGTGCCATCGTCCAACCTCTTGA

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